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lesse type a plus sign (+) inside this box → +	Approved for use through 09/30/2000. OMB 0651-0032
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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 500.39945PX1

First Inventor or Application Identifier Yoshiro KOKURYO

itle | See 1 in Addendum

ly for new nonprovisional applications under 37 C.F.R. § 1.53(b))

ons under 37 C.F.R. § 1.53(b)) Express Mail Label No.

4. Oath or Declaration [Total Pages] 1 11. Preliminary Amendment  a. Newly executed (original or copy) 12. X (Should be specifically itemized) 15. Should be specifically itemized)		N ELEMENTS  ming utility patent application contents	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application  Box Patent Application
- Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure - Abstract of the Disclosure - American State of the Disclosure - Abstract of the Disclosure - Member of Copy from a prior application (37 C.F. R. § 1.63(d)) - Detailed Description - Copy from a prior application (37 C.F. R. § 1.63(d)) - Detailed Description - Copy from a prior application (37 C.F. R. § 1.63(d)) - Detailed Description - Copy from a prior application (37 C.F. R. § 1.63(d)) - Detailed Description - Detailed Description - Copy from a prior application (37 C.F. R. § 1.63(d)) - Detailed Description - Detailed Description - Detailed Description - Detailed Description - Copy from a prior application (37 C.F. R. § 1.63(d)) - Small Entity - Statement (160 Sp)PTO-1449 - Copy from a prior application (37 C.F. R. § 1.63(d)) - Small Entity - Statement (160 Sp)PTO-1449 - Statement (160 Sp)PTO-1449 - Statement (160 Sp)PTO-1449 - Small Entity - Statement (160 Sp)PTO-1449 - Small Entity - Statement (160 Sp)PTO-1449 - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Small Entity - Small Entity - Statement (160 Copy of Priority Document(s) - Small Entity - Sma	1. X * Fee Transmitta (Submit an original 2. X Specification (preferred arranger)	I Form (e.g., PTO/SB/17) and a duplicate for fee processing)  [Total Pages 47]	Microfiche Computer Program (Appendix)     Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- Abstract of the Disclosure 3.	- Cross Reference - Statement Reg - Reference to M - Background of - Brief Summary - Brief Description	ces to Related Applications arding Fed sponsored R & D flicrofiche Appendix the Invention of the Invention on of the Drawings (if filed)	b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  7. Assignment Papers (cover sheet & document(s)) 8. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee)
Prior application information: Examiner	- Abstract of the 3. X Drawing(s) (35 U 4. Oath or Declaration  a. Newly es  b. Copy fro     (for contin  i. In     se  * NOTE FOR ITEMS 1 & 13 IN FEES, A SMALL ENTITY STATE IF ONE FILED IN A PRIOR AP  16. If a CONTINUING AF	[Total Sheets 17]  [Total Pages ]  [Total Page	10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations  11. Preliminary Amendment  12. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  * Small Entity Statement filed in prior application Status still proper and desired (PTO/SB/09-12)  14. Certified Copy of Priority Document(s) (if foreign priority is claimed)  15. X Other: See 2 in Addendum
Name  Address  City State Zip Code Country  Telephone Fax  Name (Print/Type) Alan E. Schrigwelli Registration No. (Attorney/Agent) 32,087	For CONTINUATION or DIVI	SIONAL APPS only: The entire disclosur I a part of the disclosure of the accompa In <u>can only</u> be relied upon when a portion	Group / Art Unit: e of the prior application, from which an oath or declaration is supplied nying continuation or divisional application and is hereby incorporated by n has been inadvertently omitted from the submitted application parts.
Address  City State Zip Code  Country Fax  Name (Print/Type) Alan E. Schriavelli Registration No. (Attorney/Agent) 32,087		ar Code Labet (Insert Customer No. or A	ttach bar code label here)
Country  Telephone  Fax  Name (Print/Type) Alan E. Sehiawelli  Registration No. (Attorney/Agent) 32,087			
Name (Print/Type) Alan E. Sehiavelli Registration No. (Attorney/Agent) 32,087	City	State	Zip Code
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FEE TRANSMITTAL		Complete if Known		72,
ILL IIIAIIO		Application Number		250
for FY 2	000	Filing Date	April 2, 2001	28
Patent fees are subject to a	nnual revision.	First Named Inventor	Yoshiro KOKURYO	776
Small Entity payments <u>must</u> be supported otherwise large entity fees must be paid.		Examiner Name		110 0
See 37 C.F.R. §§ 1.27	and 1.28.	Group / Art Unit		
TOTAL AMOUNT OF PAYMENT	(\$)710.00	Attorney Docket No.	500.39945PX1	

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	3. ADDITIONAL FEES  Large Entity Small Entity Fee	Fee Paid		
Deposit Account Number 01-2135	Code (\$) Code (\$)  105 130 205 65 Surcharge - late filing fee or oath	0.00		
Deposit	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	0.00		
Antonelli, Terry, Stout & Kraus, LLP	139 130 139 130 Non-English specification	0.00		
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17	147 2,520 147 2,520 For filing a request for reexamination	0.00		
	112 920* 112 920* Requesting publication of SIR prior to Examiner action	0.00		
2. X Payment Enclosed:  Check Order X Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	0.00		
FEE CALCULATION	115 110 215 55 Extension for reply within first month	0.00		
	116 380 216 190 Extension for reply within second month	0.00		
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	0.00		
Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	0.00		
404 000 004 045 Hallin Sline for	128 1,850 228 925 Extension for reply within fifth month	0.00		
106 310 206 155 Design filing fee 710.00	119 300 219 150 Notice of Appeal	0.00		
107 480 207 240 Plant filing fee	120 300 220 150 Filing a brief in support of an appeal	0.00		
108 690 208 345 Reissue filing fee	121 260 221 130 Request for oral hearing	0.00		
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding	0.00		
	140 110 240 55 Petition to revive - unavoidable	0.00		
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	0.00		
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	0.00		
Fee from Ext <u>ra Claims below Fee Paid</u>	143 430 243 215 Design issue fee	0.00		
Total Claims 18 -20** = 0 × 18 = 0	144 580 244 290 Plant issue fee	0.00		
Independent 2 - 3** = 0 × 80 = 0	122 130 122 130 Petitions to the Commissioner	0.00		
Multiple Dependent =0	123 50 123 50 Petitions related to provisional applications	0.00		
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt	0.00		
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	0.00		
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection	0.00		
102 78 202 39 Independent claims in excess of 3 104 260 204 130 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))  149 690 249 345 For each additional invention to be examined (37 CFR § 1.129(b))	0.00		
109 78 209 39 ** Reissue independent claims	6x81111160 (37 CFN 9 1.123(0))			
over original patent	Other fee (specify)	0.00		
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	0.00		
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SUBMITTED BY	TED BY Complete (if applicable)		
Name (Print/Type) Alan F. Schiavelli	Registration No. (Attorney/Agent) 32,028	Telephone	703-312-6600
Signature		Date	04-02-01

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- 1. AUTOMATIC EQUALIZATION CIRCUIT AND RECEIVER CIRCUIT USING THE SAME
- 2. Figs. 1-21
  - Credit Card Payment Form
  - Info. Discl. Sheet Under 37 CFR 1.56 w/refs.